IB MYP YEAR 2

Mathematics Year7 (Y6 ATYP)

SAW - Assessment #6 NOTIFICATION

BROAD BASED TEST TERM TWO

Name: _____ ( ) Homeroom: _____

Teachers: Ms. Yeung

Date & Time: 1 June 2015 (Session 2 - 11:00-13:00) Time Allowed: 75 minutes

STATEMENT OF INQUIRY:

Coordinate Geometry: Things can be located by representing their place in space in standardised forms.
Patterns: Mathematical patterns generalise relationships leading to technical innovations.
Geometry: The measurement of the form of the circle and the logical approach to justifying angles in polygons from equivalences are important technological innovations.
Line Graphs: A perfect match can be found by plotting systems of linear equations and observing their equivalent graphical relationships
Statistical Graphs: Statistics has many forms to represent models of data in various personally and cultural ways.
Ratios, Rates: Representing change and other relationships using simplified ratios leads to innovation.

THIS ASSESSMENT WILL COVER THE FOLLOWING:

New Trends Mathematics S1A and S1B Chapters 1, 2, 3, 4, 6, 9, 10, 12, 13
Haese and Harris Mathematics 7 Chapters 2, 5, 10, 12, 13, 14, 17,18, 20, 22
Mathematics Matters 1 Chapters 1, 3, 5, 6, 7, 8, 9, to 11
Mathematics Matters 2 Chapters 2, 7, 8

- Directed Numbers
- Coordinate Geometry
- Patterns and sequences
- Basic Algebra and Equations in one unknown
- Basic Geometry, Parallel lines, Angles and Triangles Proofs
- Circles
- Properties of Line Graphs
- Equations in two unknowns
- Statistical Graphs
- Ratios, Rates

INSTRUCTIONS:

- Read the **instructions** and **rubric** carefully.
- Show all **steps** and proper **units**.
- Submit **your own work**. Any copying or other cheating, will automatically receive a 0.
- **Protractors** are **required**.
- You are allowed to use non-electronic **dictionary**.
- **Calculators** are **NOT** allowed.

ASSESSMENT:

- Read the criteria descriptors on the next page carefully before you start your work. This will give you a clear understanding of what is required and what a quality piece of work for this task must include. This way you give yourself the best chance of achieving the highest level in this task.
- This task assesses Criterion A.

Criterion A: Knowledge and Understanding

Achievement level		IBO Published Descriptor (MYP 3)	Student's self-evaluation
0	The student does not reach a standard described by any of the descriptors given below.	The student does not reach a standard described by any of the descriptors given below.	
1–2 Simple	The student generally solves **simple** problems in **familiar** situations correctly.	The student is able to: i. **select** appropriate mathematics when solving simple problems in familiar situations ii. **apply** the selected mathematics successfully when solving these problems iii. generally **solve** these problems correctly.	(0-8)
3–4 Complex	The student generally solves **simple** problems and **more complex** problems in **familiar** situations correctly.	The student is able to: i. **select** appropriate mathematics when solving more complex problems in familiar situations ii. **apply** the selected mathematics successfully when solving these problems iii. generally **solve** these problems correctly.	Teacher's Final Grade
5–6 Challenging	The student generally solves **simple** problems, **more complex** problems and **challenging** problems in **familiar** situations correctly.	The student is able to: i. **select** appropriate mathematics when solving challenging problems in familiar situations ii. **apply** the selected mathematics successfully when solving these problems iii. generally **solve** these problems correctly.	
7–8 Unfamiliar	The student generally solves **simple** problems, **more complex** problems and **challenging** problems in both **familiar** and **unfamiliar** situations correctly.	The student is able to: i. **select** appropriate mathematics when solving challenging problems in both familiar and unfamiliar situations ii. **apply** the selected mathematics successfully when solving these problems iii. generally **solve** these problems correctly.	(0-8)